

# DECLARATION AND POWER OF ATTORNEY

Atty. Dkt. No.: 7784-000240

## DECLARATION

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### METHOD AND APPARATUS USING A BINARY SEARCH PATTERN FOR IDENTIFYING AN INTERFERING MOBILE TERMINAL

the specification of which (check one)

- ☒ is attached hereto.  
or  
☐ was filed on \_\_\_\_\_ as Application Serial No. or PCT International Application No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)				
APPN. SERIAL NO.	COUNTRY	DATE FILED (MM/DD/YYYY)	PRIORITY CLAIM	
			Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

## DECLARATION AND POWER OF ATTORNEY

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATION(S)	
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)
60/281,460	April 4, 2001

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below:

PRIOR U.S. APPLICATION(S)		
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	STATUS - PATENTED, PENDING, ABANDONED

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### POWER OF ATTORNEY

I hereby appoint Robert L. Gullette, Reg. No. 26,899; John R. Rafter, Reg. No. 28,533; Henry G. Kohlmann, Reg. No. 26,672; Ann K. Galbraith, Reg. No. 33,530; John C. Hammar, Reg. No. 29,928; David J. Clement, Reg. No. 44,082 of the Boeing Company, 100 North Riverside Plaza, Chicago, Illinois 60606-1596; and Mark D. Elchuk, Reg. No. 33,686 and each principal, attorney of counsel, associate, and employee of Harness, Dickey & Pierce, P.L.C., my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

# DECLARATION AND POWER OF ATTORNEY

## CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

**Full name of sole or first inventor:** Christopher John McLain

Inventor's signature: Christopher McLain

Date: 10/26/01

Residence: 4102 Linden Avenue, Apt. 201, Seattle, WA 98103

Citizenship:

Mailing Address:

**Full name of second joint inventor, if any:** Melvin Barmat

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 1120 19<sup>th</sup> Street NW, Suite 333, Washington, DC 20036

Citizenship:

Mailing Address:

**Full name of third joint inventor, if any:**

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence:

Citizenship:

Mailing Address:

**Full name of fourth joint inventor, if any:**

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence:

Citizenship:

Mailing Address:

**DECLARATION AND POWER OF ATTORNEY****CORRESPONDENCE ADDRESS**

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

**Full name of sole or first inventor:** Christopher John McLain

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 4102 Linden Avenue, Apt. 201, Seattle, WA 98103

Citizenship:

Mailing Address:

**Full name of second joint inventor, if any:** Melvin Barmat

Inventor's signature: Melvin Barmat

Date: 11/20/01

Residence: ~~1120 19<sup>th</sup> Street NW, Suite 333, Washington, DC 20036~~

Citizenship: 6304 Herkos Ct., Bethesda, Md. 20817

USA

Mailing Address:

**Full name of third joint inventor, if any:**

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence:

Citizenship:

Mailing Address:

**Full name of fourth joint inventor, if any:**

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence:

Citizenship:

Mailing Address:



7784-000240 ✓ MDE

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

PTAS  
HARNESS, DICKEY & PIERCE, P.L.C. 01 01 A 91 1 1111  
MARK D. ELCHUK  
P.O. BOX 828  
BLOOMFIELD HILLS, MI 48303



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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/06/2001

REEL/FRAME: 012364/0259  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
MCLAIN, CHRISTOPHER JOHN

DOC DATE: 10/26/2001

ASSIGNOR:  
BARMAT, MELVIN

DOC DATE: 10/26/2001

ASSIGNEE:  
BOEING COMPANY, THE  
100 NORTH RIVERSIDE PLAZA  
CHICAGO, ILLINOIS 60606-1596

SERIAL NUMBER: 10008199  
PATENT NUMBER:

FILING DATE: 12/06/2001  
ISSUE DATE: 12/06/2001

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

DATE: ~~01/06/2001~~  
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Form PTO-1595

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

101918646

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Christopher John McLain  
Melvin Barmat

12/06/01

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies)

Name: The Boeing Company

Internal Address: \_\_\_\_\_

Street Address: 100 North Riverside Plaza

City: Chicago State: IL Zip: 60606-1596

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date(s): \_\_\_\_\_

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: herewith

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Mark D. Elchuk

Internal Address: Harness, Dickey &amp; Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

## 6. Total number of applications and/or patents involved: 1

## 7. Total fee (37 CFR 3.41) . . . . . \$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark D. Elchuk

Name of Person Signing

Signature

December 6, 2001

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

12/13/2001 VTRUONG1 00000031 10008199

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40.00 0P

10/008199  
12/06/01

# ASSIGNMENT

Atty. Docket No. 7784-000240

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

## METHOD AND APPARATUS USING A BINARY SEARCH PATTERN FOR IDENTIFYING AN INTERFERING MOBILE TERMINAL

for which Assignor is about to make or has made United States or International application for patent

- (a) ☒ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on; or
- (c) ☐ filed on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_ or PCT International Application No. \_\_\_\_\_, and

WHEREAS, The Boeing Company, a corporation of the State of Delaware, having its principal place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-1596, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

## ASSIGNMENT

Assignor hereby authorizes and requests my attorney to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Christopher John McLain      10/26/01  
Christopher John McLain      Date

\_\_\_\_\_  
Melvin Barmat      Date



## ASSIGNMENT

Atty. Docket No, 7784-000240

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

### METHOD AND APPARATUS USING A BINARY SEARCH PATTERN FOR IDENTIFYING AN INTERFERING MOBILE TERMINAL

for which Assignor is about to make or has made United States or International application for patent

- (a) ☒ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on; or
- (c) ☐ filed on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_ or PCT International Application No. \_\_\_\_\_, and

WHEREAS, The Boeing Company, a corporation of the State of Delaware, having its principal place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-1596, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

**ASSIGNMENT**

Assignor hereby authorizes and requests my attorney to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

\_\_\_\_\_  
Christopher John McLain

\_\_\_\_\_  
Date

  
Melvin Barmat

11/20/01  
Date